

Shayne Lussier

Transforming data into actionable insights with expertise in ETL and scalable architecture

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EXPERIENCE

Data Engineer • L3HARRIS

Aug 2023 - PRESENT

Design and implement scalable ETL pipelines with Apache Kafka and Airflow while ensuring data security.

Collaborate with data teams to optimize data infrastructure to enable advanced analytics, leading to actionable insights.

Optimize Snowflake data warehouse for high-availability and large scale data operations.

BI Engineer • Behavior Interactive

Apr 2023 - Aug 2023

Optimize complex SQL queries and stored procedures for data extraction, transformation to reduce query overhead.

Develop and maintain interactive dashboards and reports using Tableau to provide real-time business insights.

Implement quality assurance to ensure data accuracy and consistency across multiple business units.

Waiter • Table 51

Nov 2021 - Apr 2022

Waiter • Souvlaki Bar

Oct 2020 - Nov 2021

EDUCATION

College Lionel-Groulx

Diploma of College studies in Health Sciences.

Lachute Regional High School

High School Diploma

SKILLS

Programming Languages

Python, SQL, Go

Tools & Platforms

Git, Github, Snowflake, Airflow, Kafka, PySpark, dbt, Docker, Tableau, PostgreSQL, MongoDB

Selected Projects

MNBAQ Catalogue

Commissioned dashboard by MNBAQ. Visitors could explore the museum's catalogue via interactive displays to find additional information about specific art pieces.

Tennis Streaming

Real time streaming of synthetic tennis match data via Kafka. Containerized in Google Cloud.

Clothing ELT Pipeline

ELT pipeline for a synthetic clothing store, from data generation to dashboarding with dbt, Snowflake and Airflow.

